

ARCHITECTURE PORTFOLIO

SANDESH BHANDARI
2025



SANDESH BHANDARI

DOB: 11/07/2000

CONTACT

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EDUCATION

Nepal Armed Police Force School

SEE, 2010-2018

Capitol Hill College

+2 Science, 2019-2020

IOE, TU, Purwanchal Campus

Bachelor of Architecture, 2020-2025

LANGUAGES

Nepali (native)

English

Hindi

EXPERIENCES

Internship at De-fort Designers Pvt. Ltd.

Duration: 90 days in 2024

Activities: Involved in drafting municipal, sanitary, and working drawings; developing conceptual sketches, 3D modeling, and interior/exterior renderings using software; and conducting site surveys for various residential buildings, commercial complexes, and hotels in collaboration with clients

Thesis as Live Project: Student Housing at Purwanchal Campus

Duration: 7 months 9-10 semester in 2025

Designing On-campus boys hostel with a capacity of 500 users under the requirements of campus coordinating with experienced Architects and Engineers of campus

SKILLS

Drafting & Modeling

AutoCad (proficient)

Revit (intermediate)

Sketchup (proficient)

Rendering & Visualization

Enscape (proficient)

Lumion (proficient)

D5 Render (intermediate)

Graphics Design & Presentation

Photoshop (proficient)

Illustrator (intermediate)

InDesign (proficient)

General Tools

Powerpoint (proficient)

Excel (intermediate)

Words (proficient)

INTEREST

Art/ Sketches

Football/ Cricket

Gym

Trekking/ travelling

Guitar

Gaming

Cinema

OTHERS

Kaleidoscope Inter-College Architecture

Participated in kaleidoscope competition, project was architectural department expansion in 2024.

contents.

Student Housing. 6-13

Purwanchal campus, Dharan, Sunsari - academic thesis 2025

Architecture Department Expansion. 14-21

Purwanchal campus, Dharan, Sunsari - Kaleidoscope competition 2024

Mangalbare Redevelopment. 22-29

Dharan-11, Sunsari - academic work 2024

De-fort Designers Pvt. Ltd. 30-37

Jawalakhel, Lalitpur- Internship 2023

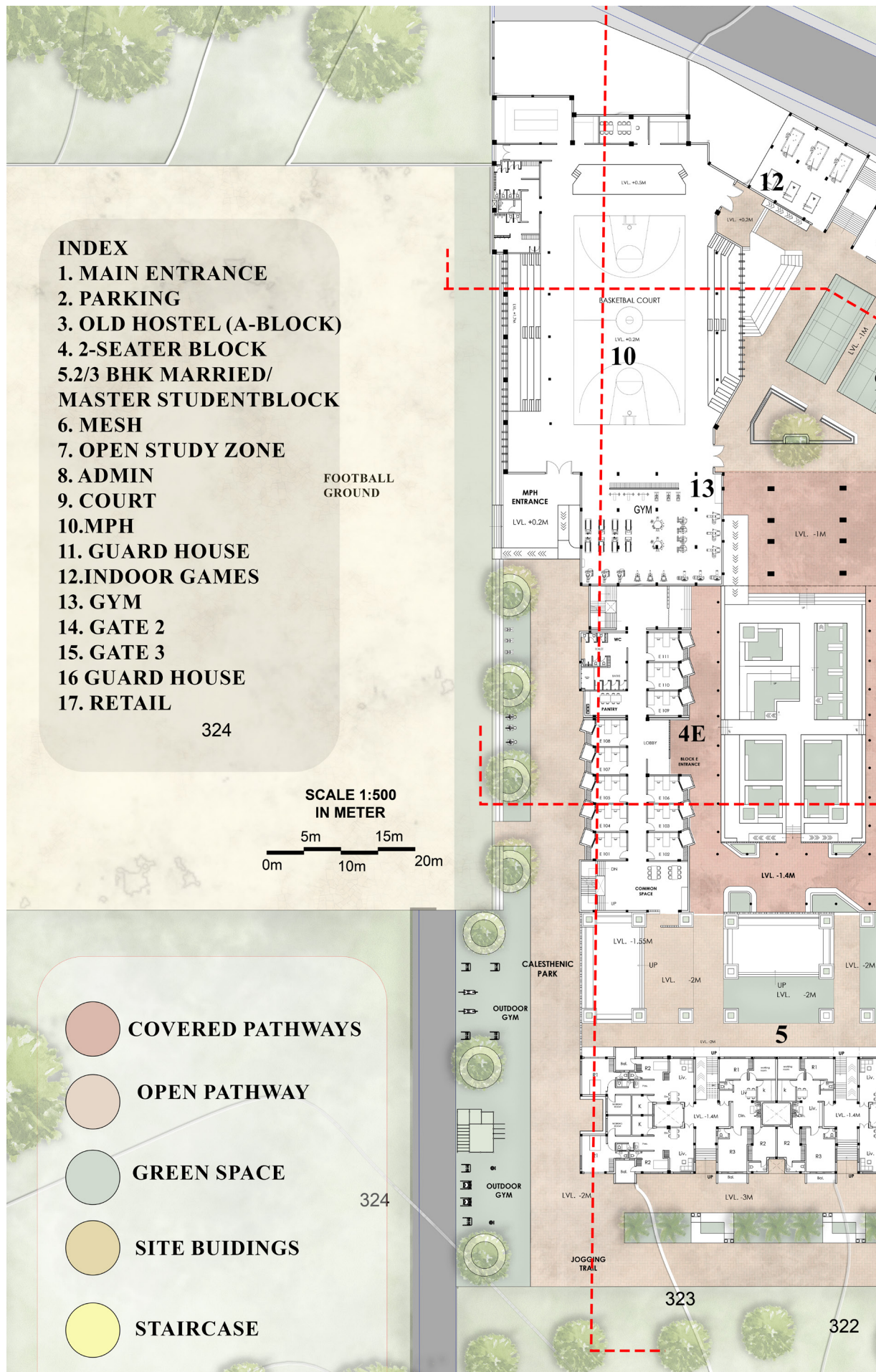
STUDENT HOUSING

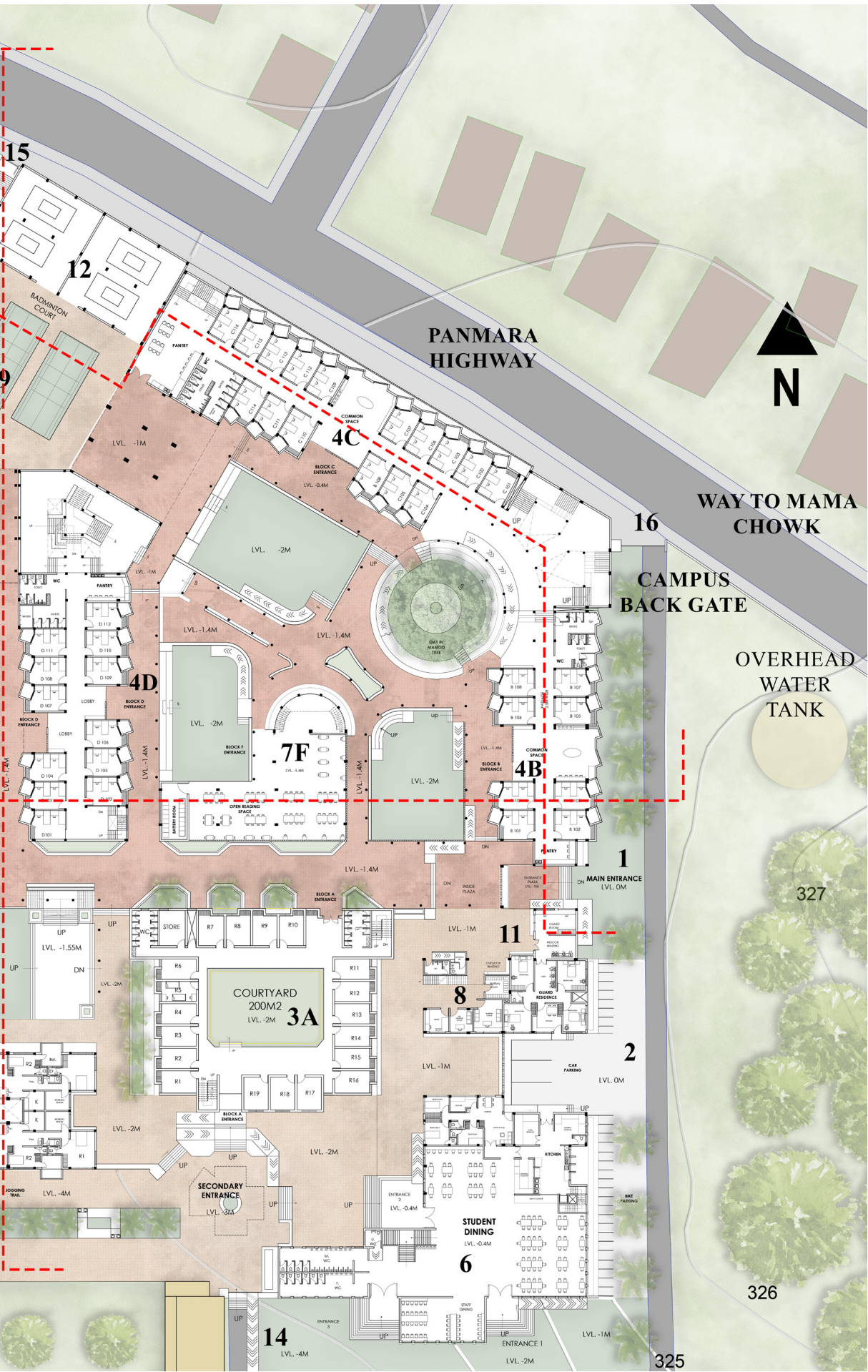
Location: Purwanchal Campus, IOE TU, Dharan, Sunsari
Types: Residential (boys) and Recreational (both genders)
Area: 17500 sq. m
Year: 2025

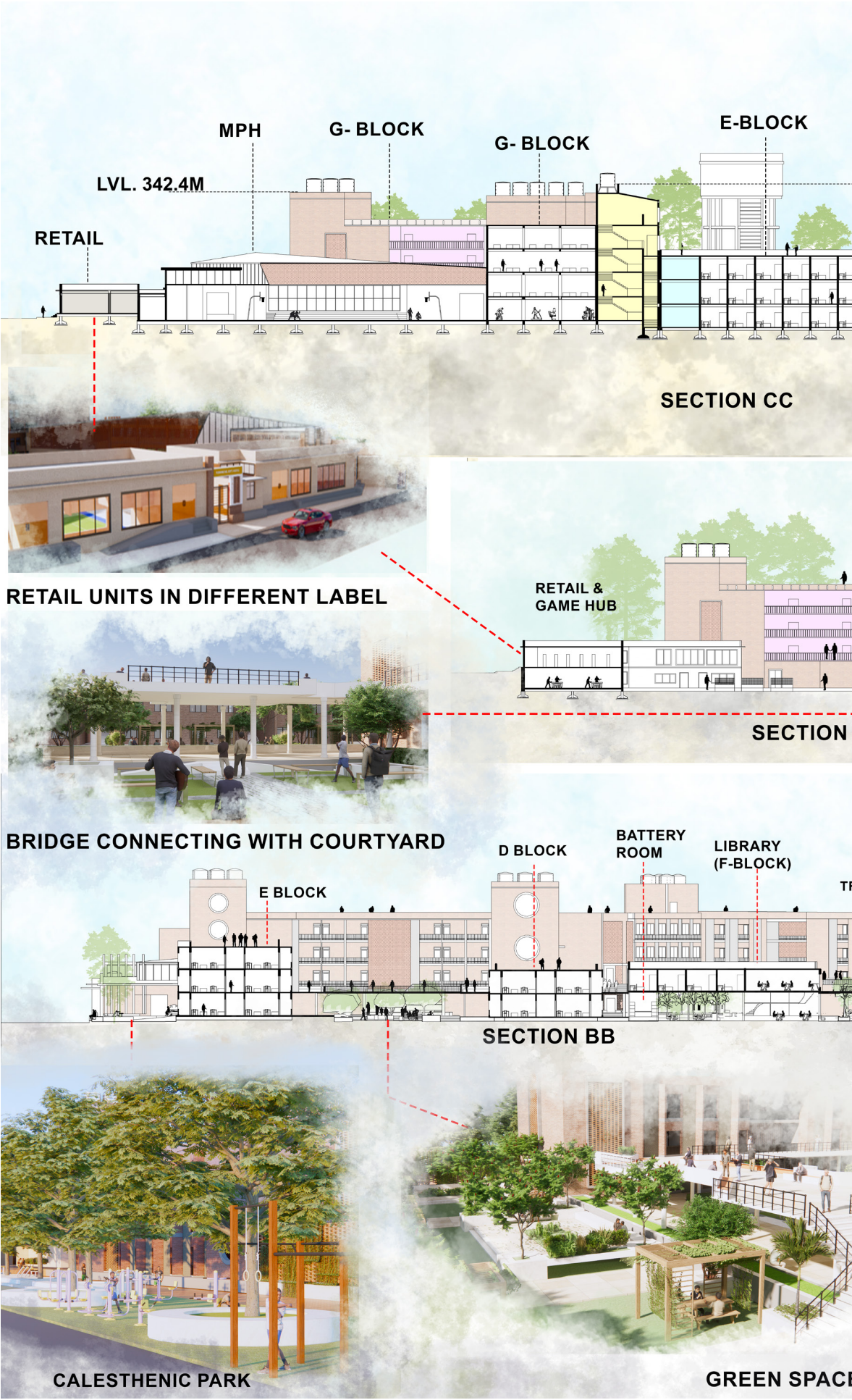
This project was a my thesis which happened to be a live project cooperating with campus chief Kaji Ram Karki sir along with campus and Department professors and engineers.

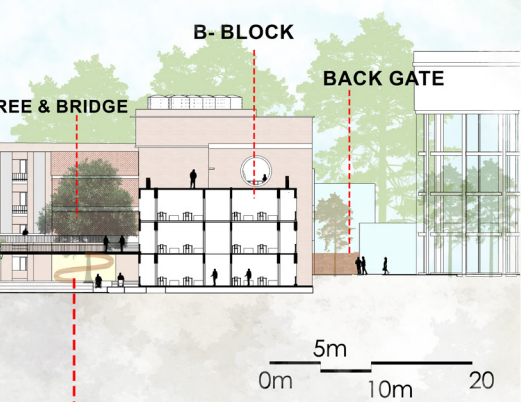
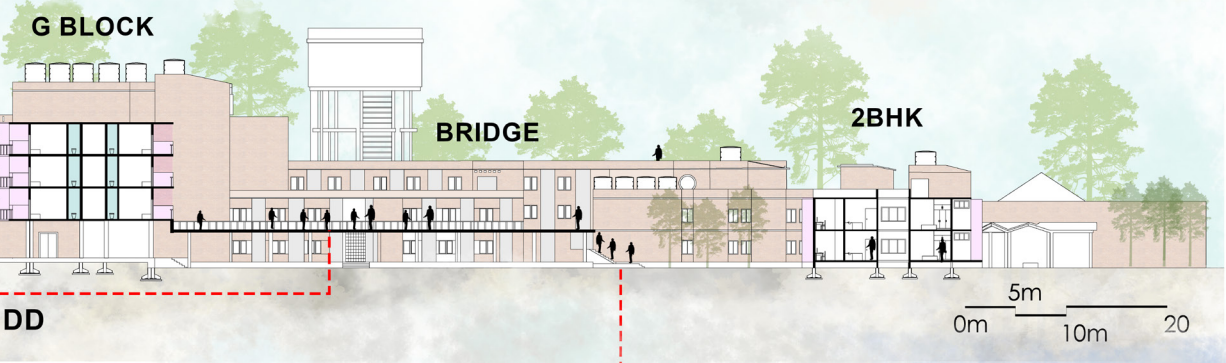
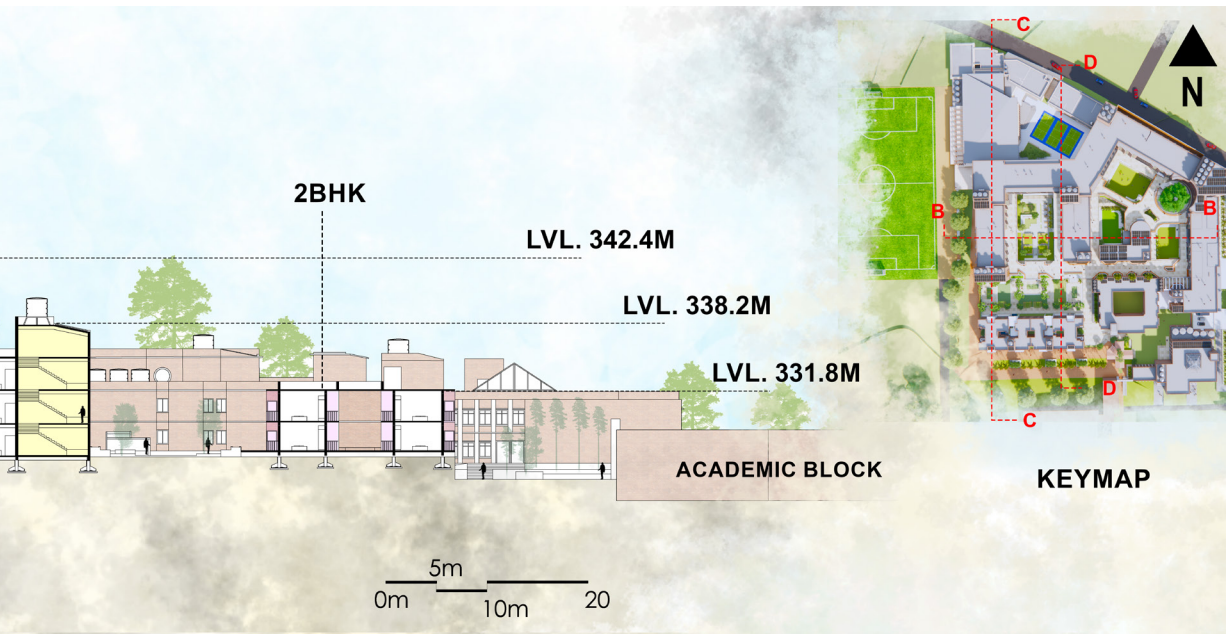
With over 2,190 students enrolled but housing available for only 6% of them, the project aims to expand accommodation primarily for boys while integrating recreational and communal spaces for all students. The design focuses on creating a balanced environment that supports both living and learning, with dedicated areas for study, social interaction, group work, and outdoor activities to enhance student life on campus.

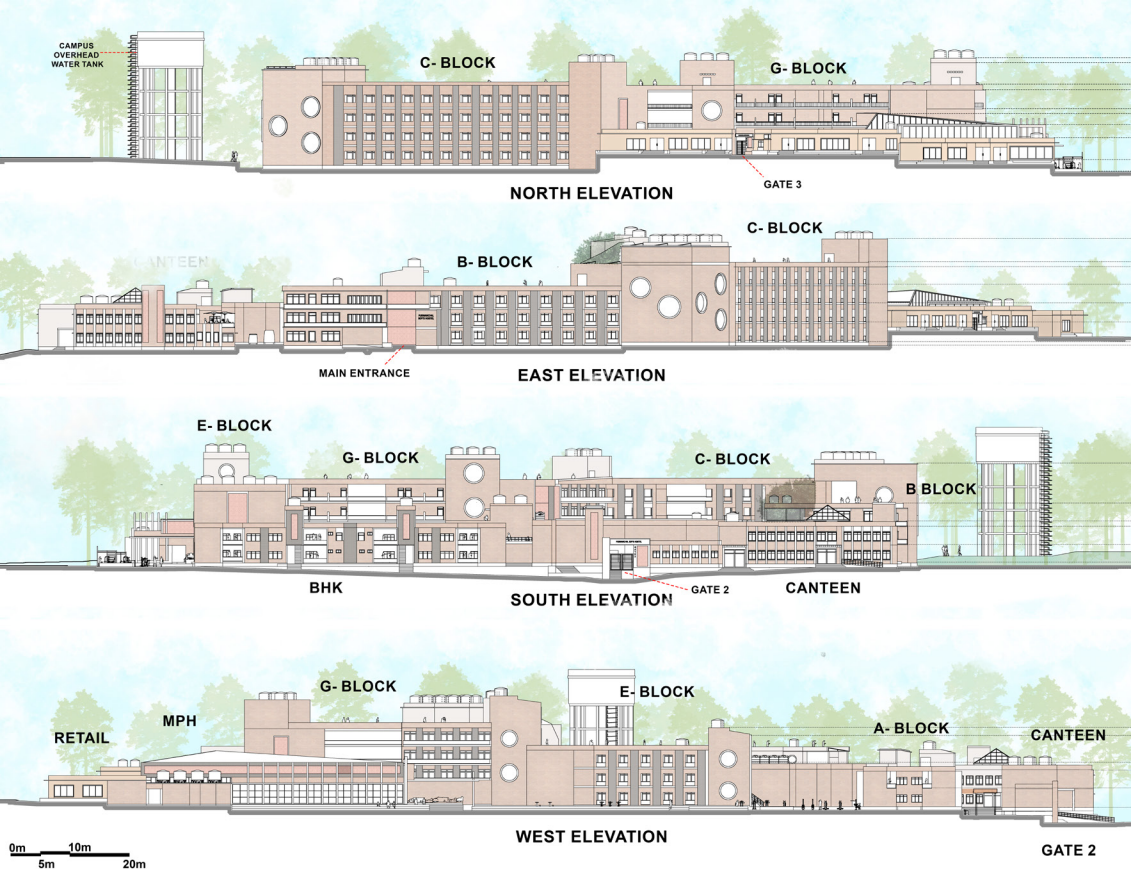












IN METER	
PARAPET HT. 0.8	
LVL. 342.4	LVL. 341.6
LVL. 339.2	LVL. 338.4
LVL. 335.2	LVL. 333.5
LVL. 332	LVL. 328.9
LVL. 325.6	LVL. 324
D-BLOCK	
	ROOF LVL.
	TERRACE LVL.
	THIRD FLOOR
	MPH ROOF
	RETAIL ROOF
	PLINTH HT. 0.6
	LVL. 324
C- BLOCK	
LVL. 342.4	ROOF LVL.
LVL. 339.2	TERRACE LVL.
LVL. 335.2	THIRD FLOOR
LVL. 332	SECOND FLOOR
LVL. 328.8	FIRST FLOOR
LVL. 325	GROUND FLOOR
B- BLOCK	
LVL. 342.4	ROOF LVL BLOCK C
LVL. 335	PARAPET LVL.
LVL. 331.8	BALCONY LVL
LVL. 327.8	FIRST FLOOR
LVL. 324.6	GROUND FLOOR
LVL. 324	GROUND LEVEL
E- BLOCK	
LVL. 338.2	ROOF LVL
LVL. 336.7	LVL. 336.7
LVL. 331.8	BHK HOUSING
LVL. 326.8	LVL. 330
LVL. 323.6	LVL. 321
	GROUND LEVEL

1. SITE ONLY

2. SITE AFTER ZONING & WITH EXISTING TREE & BUILDINGS

6. DEVELOPING HIEARCHY FROM ALL DIRECTIONS

- GREEN SPACE
- EXISTING BLOCKS
- RECREATIONAL SPCAE
- PATHWAYS

7. ADDING PASS THROUGH AND COURTYARDS

3. AXIAL PATHWAYS FROM EXISTING TREE & EXISTING HOSTEL BLOCK TO CONNECT WITH RECREATIONAL SPACE

5. ANGULAR BREAKS FOR WIDER RECREATIONAL SPACE

4. DEVOLPING RESIDENTIAL BLOCKS



KALEIDOSCOPE: ARCHITECTURE DEPARTMENT EXPANSION

Location: Purwanchal Campus, IOE TU, Dharan, Sunsari

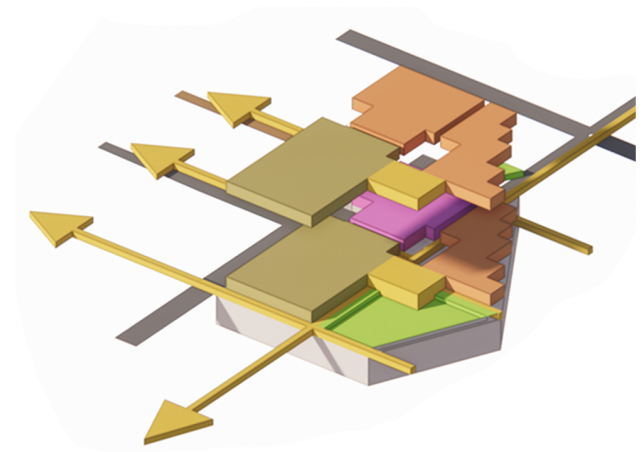
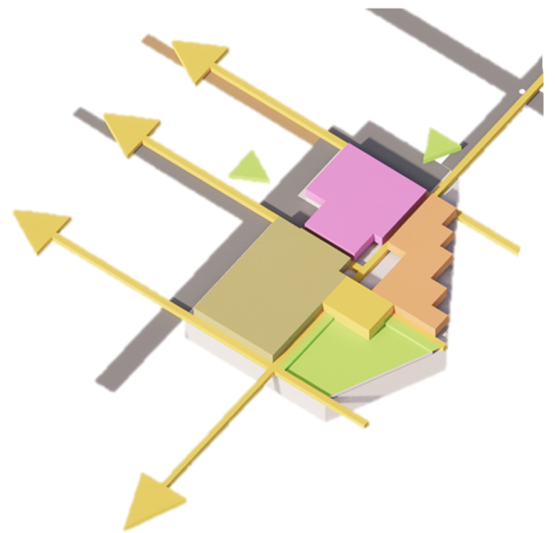
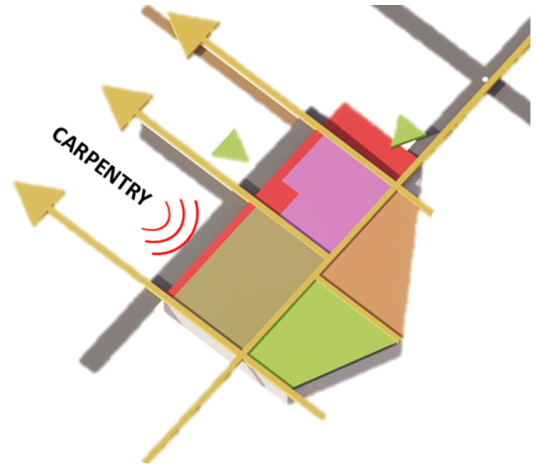
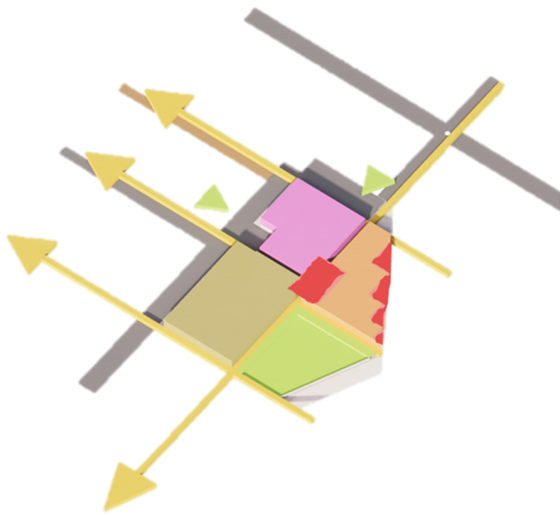
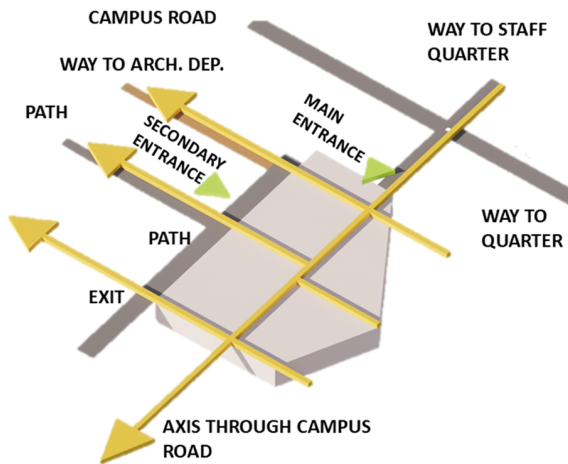
Types: Academics

Area: 3273.37 sq. m.

Year: 2024

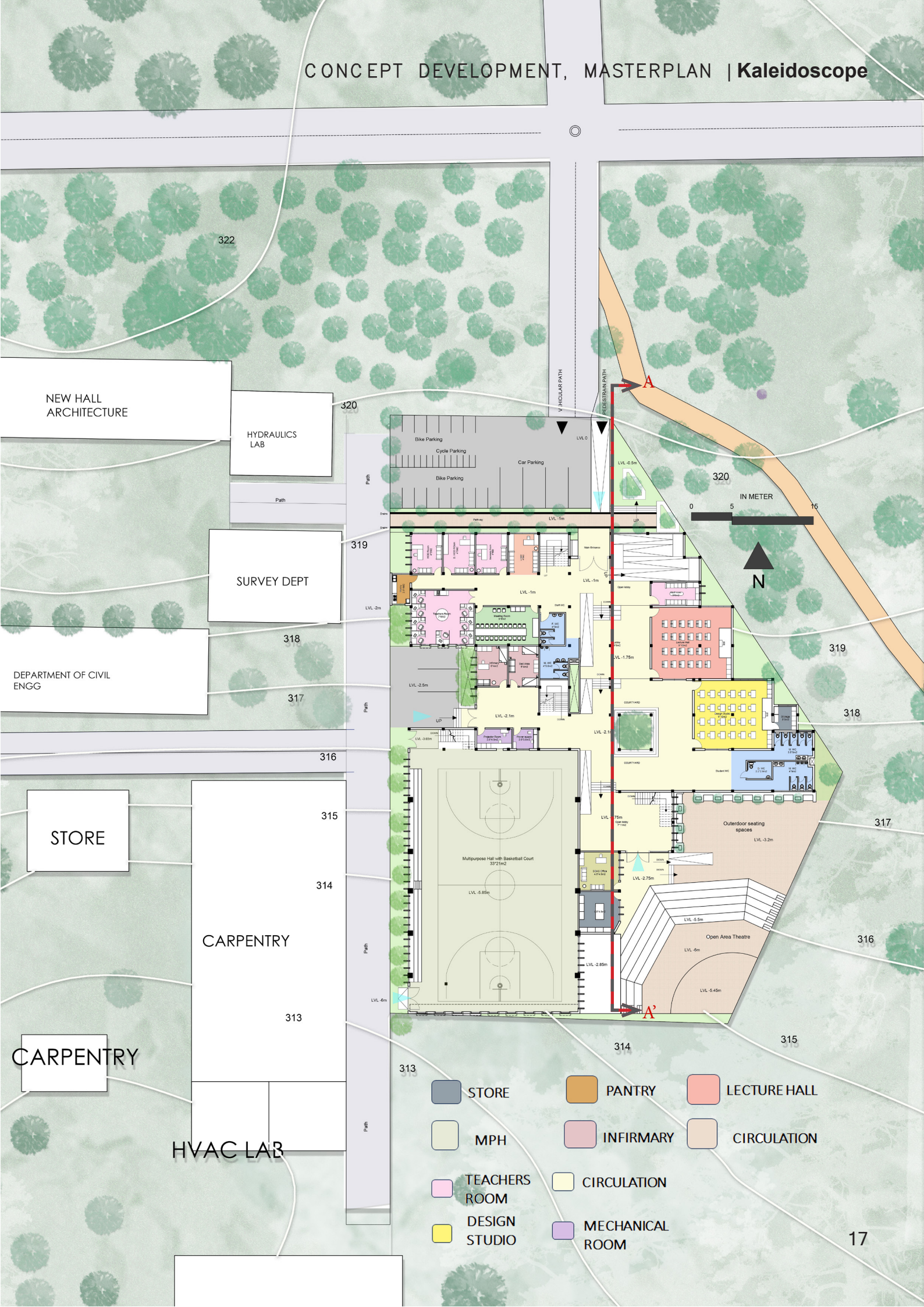
This project aims to design a new building for the architecture department with classrooms, studios, and offices, addressing space shortages, enhancing learning environments, supporting academic activities, and integrating with existing facilities and also prioritize multipurpose hall with 250 capacity. activities to enhance student life on campus.





The Architectural Department expansion at Purwanchal Campus is designed to respond sensitively to the site's angular geometry and natural north-south contours. The main entrance aligns with the existing campus road to ensure smooth vehicular and pedestrian access. The planning is strategically segregated toward the east to harness ample north light—ideal for design studios and academic spaces. A central courtyard enhances cross-ventilation and encourages interaction among students and faculty. The subtracted central portion acts as a shared lobby, seamlessly connecting the multipurpose hall and academic block. Upper floors house studios and classrooms, purposefully positioned to receive consistent, diffused north light—an essential element in architectural learning environments.





NEW HALL
ARCHITECTURE

HYDRAULICS
LAB

SURVEY DEPT

DEPARTMENT OF CIVIL
ENGG

STORE

CARPENTRY

CARPENTRY

HVAC LAB

STORE

MPH

TEACHERS
ROOM

DESIGN
STUDIO

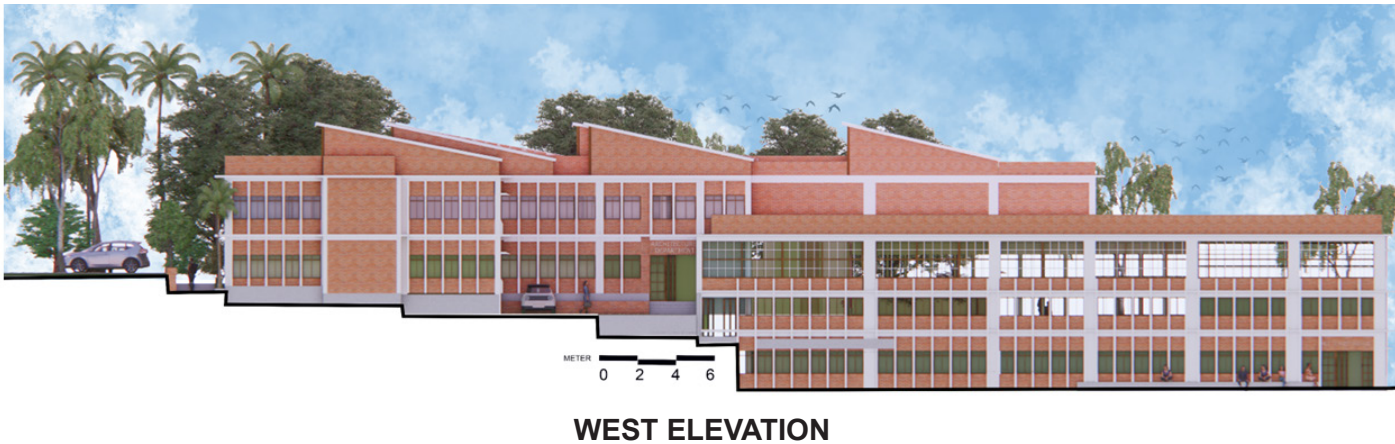
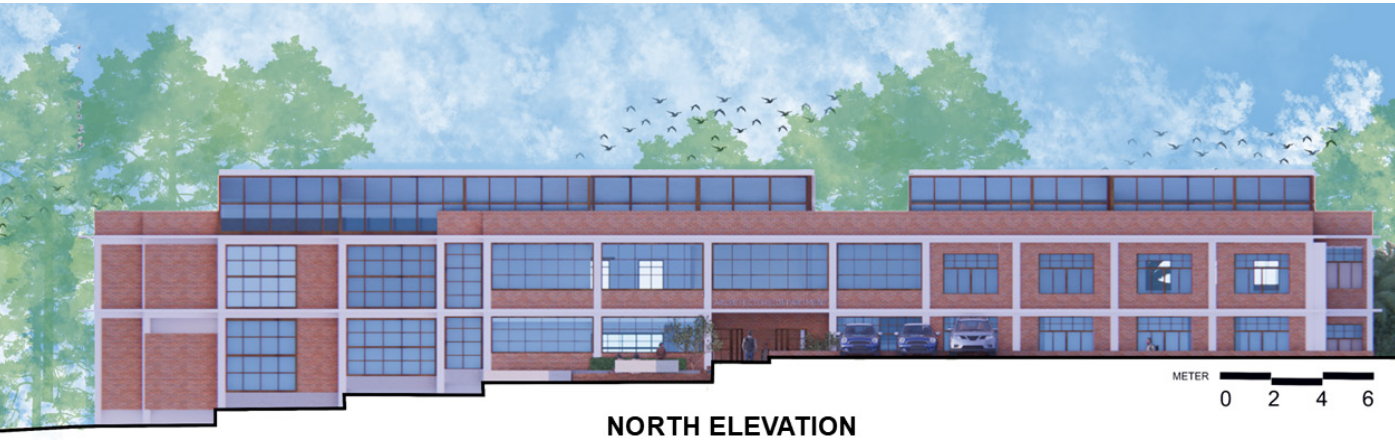
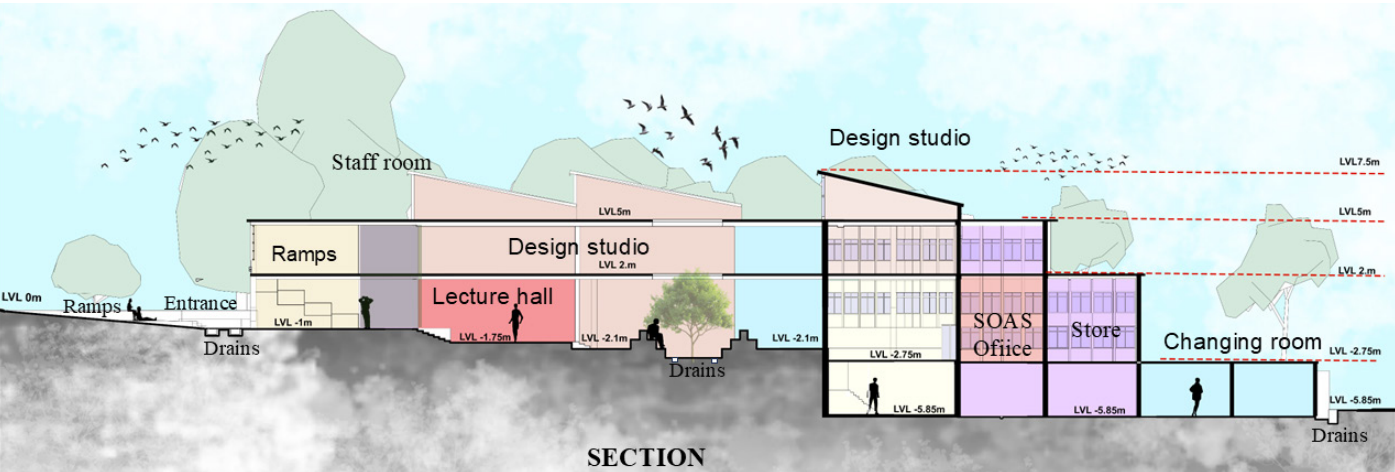
PANTRY

INFIRMARY

CIRCULATION
MECHANICAL
ROOM

LECTURE HALL

CIRCULATION



SECTION, ELEVATION, FIRST FLOOR PLAN | Kaleidoscope

IN METER

0 5 15







MANGALBARE REDEVELOPMENT

Location: Dharan- 11, Sunsari, Nepal

Area: 250m. radius from chowk

Population: 632

Year: 2024

The Mangalbare Redevelopment Project, located in Dharan-11, aims to transform the aging and poorly planned urban fabric of the Mangalbare area into a more livable, organized, and sustainable environment. The project involves demolishing structurally unfit buildings over 25 years old and replacing them with well-facilitated housing units, improved road networks, public open spaces, and dedicated walkable sidewalks. It also focuses on revitalizing commercial zones and preserving historic structures that reflect the cultural identity and memories of the place.





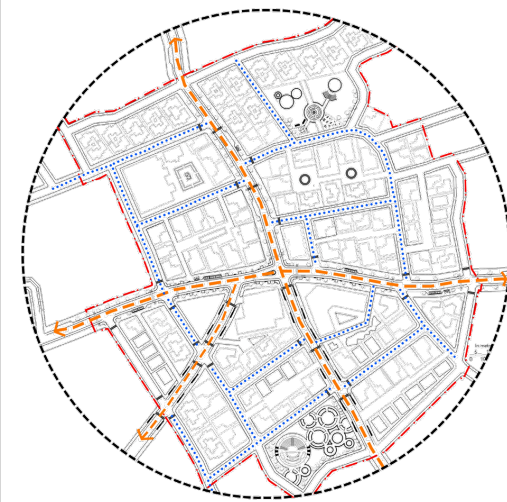
PROPOSED 3D BLOCK



PLOT PLAN



BLOCK PLAN

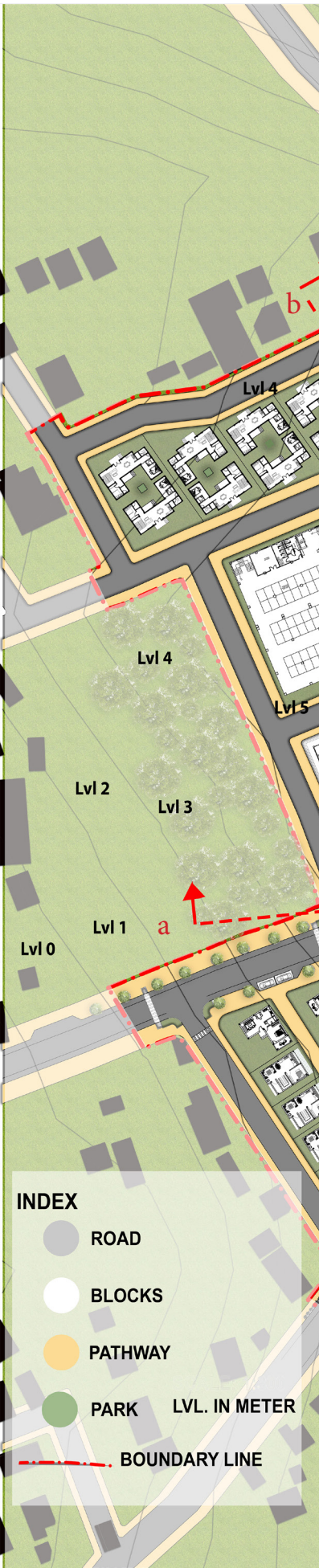


ROAD NETWORK

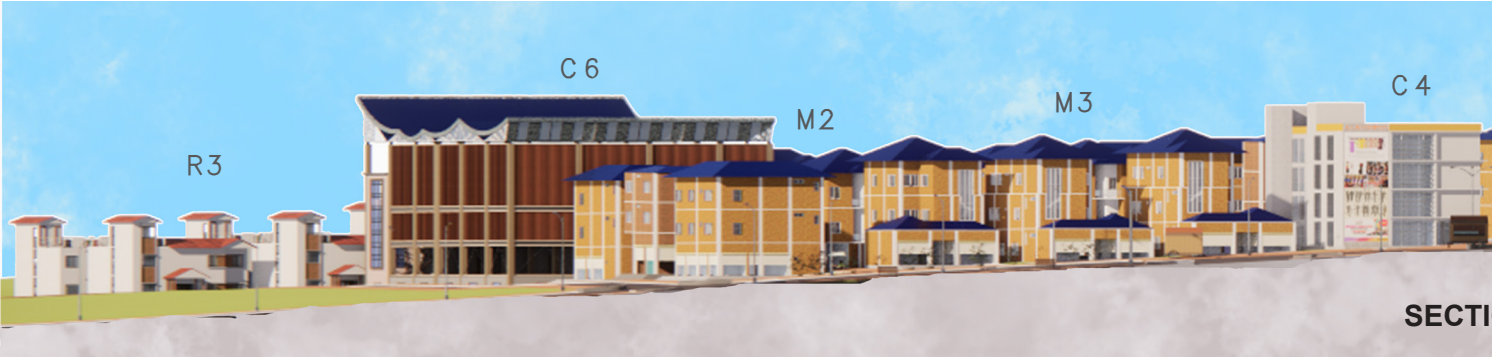


BUILDING TYPES

RED-COMMERCIAL, PURPLE: MIXED &
BROWN: RESIDENTIAL







SECTION I

RESIDENTIAL BLOCKS



R1

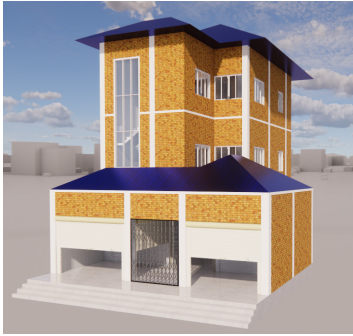


R2



R3

MIXED BLOCK



M3



M2



M1

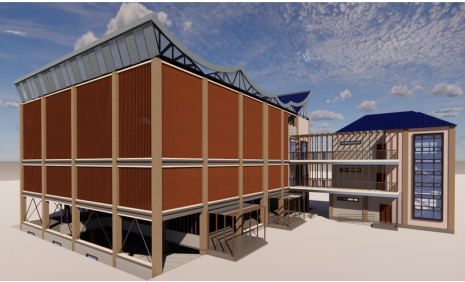
COMMERCIAL BLOCK



C3



C5



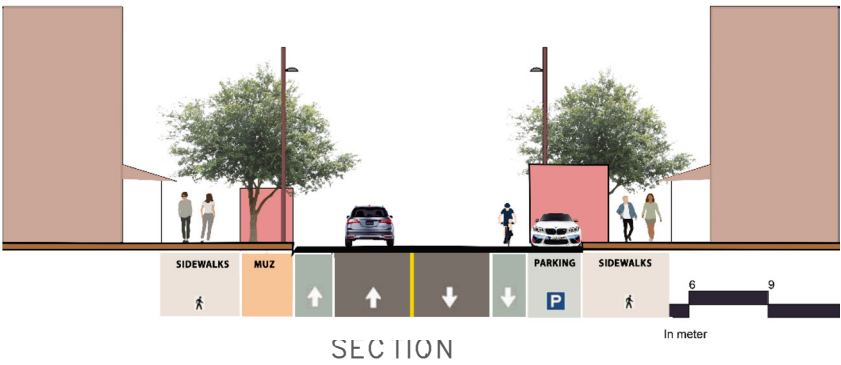
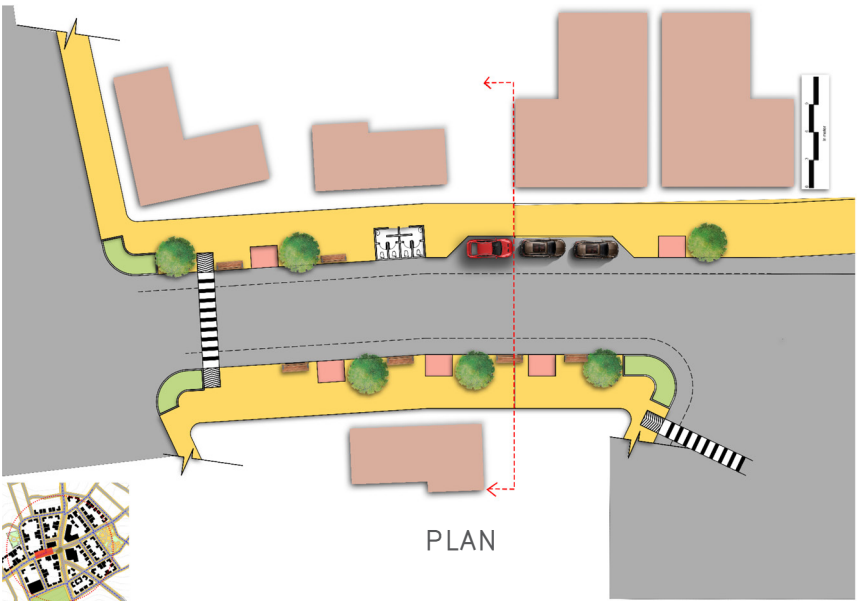
C6 (COMMUNITY CENTER)



SECTION I



ROAD DESIGN







Internship: De-fort Designers Pvt. Ltd.

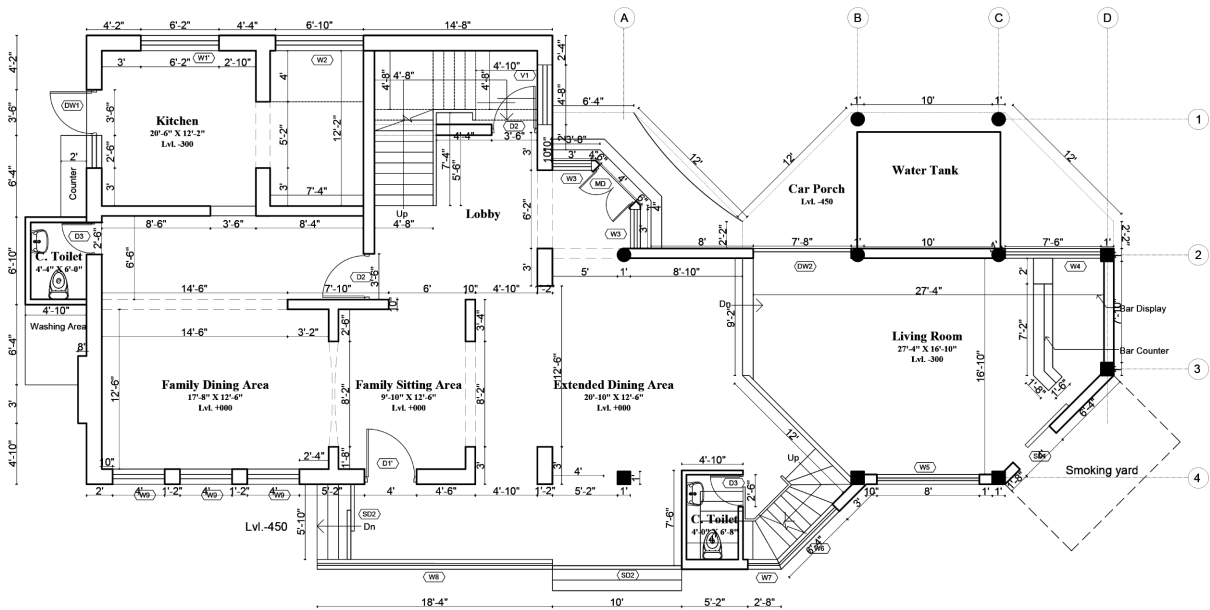
Location: Jawalakhel, Lalitpur, Nepal
Year: 2024

During my internship at De-Fort Designers Pvt. Ltd, I worked on drafting municipal, structural, and working drawings for various residential and commercial projects. I learned to apply architectural standards and prepare detailed technical drawings used for construction and approvals.

I also gained experience in interior design, space planning, and site surveys, helping me understand the practical aspects of design and site conditions. The internship improved my technical skills and gave me insight into the real-world workflow of architectural projects.

future.





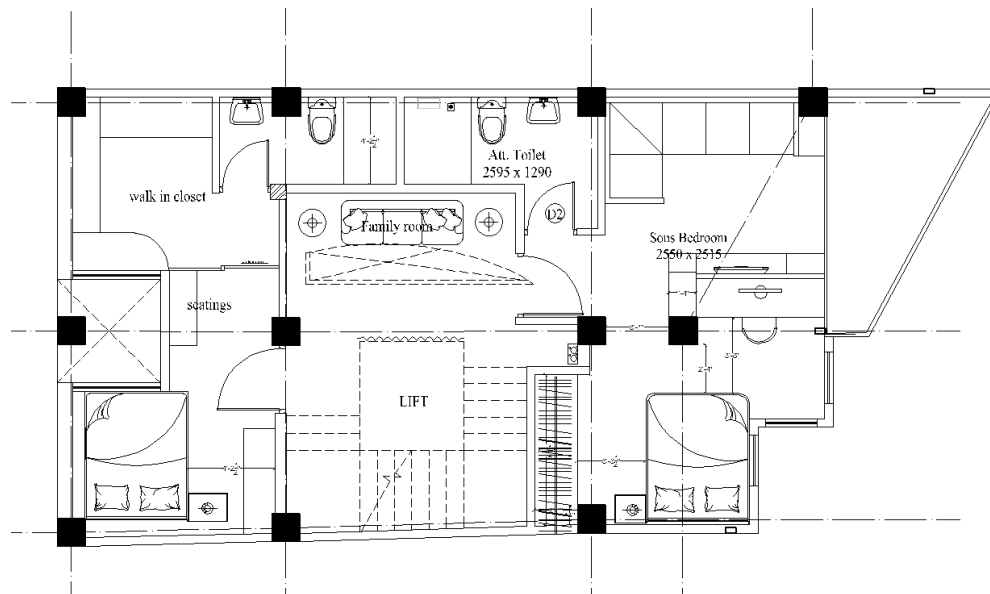
Ground Floor Plan



Exterior



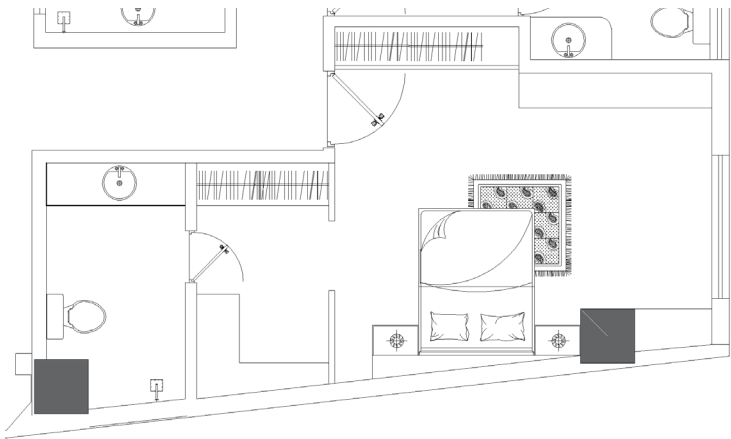
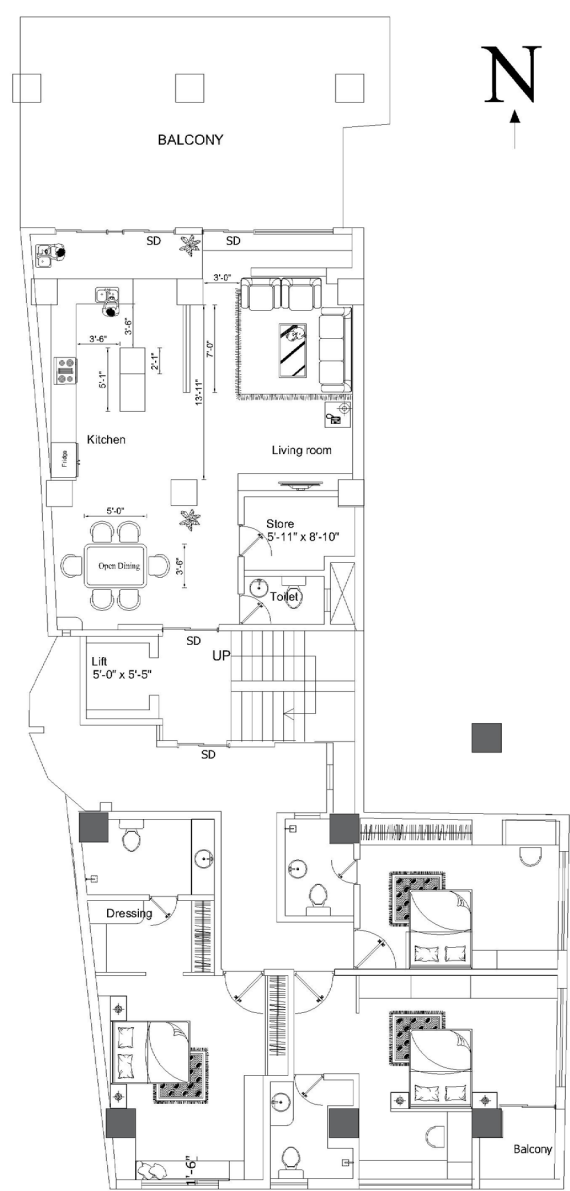
Interior



Exterior



Interior





CONTACT

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